

This listing of claims will replace all prior versions, and listings, of claims in the application.

- 1. (Original) A 2D face authentication process utilizing a client specific 3D face shape model.
- 2. (Original) A 2D face authentication process as claimed in claim 1 wherein said client specific 3D face shape model is used to generate data required for pose and illumination normalisation.
- 3. (Original) A 2D face authentication process as claimed in claim 2 wherein said data includes face shape derivatives.
- 4. (Original) An enrolment process for a 2D face authentication process including acquiring, for each client, a template for 2D based face authentication and a client specific 3D face shape model.
- 5. (Currently Amended) A 2D face authentication system using the 2D face authentication process of any-of-claims claim 1 to 3.
- 6. (Original) A 2D face authentication system using the enrolment process of claim 4.
- 7.-9. (Cancelled)